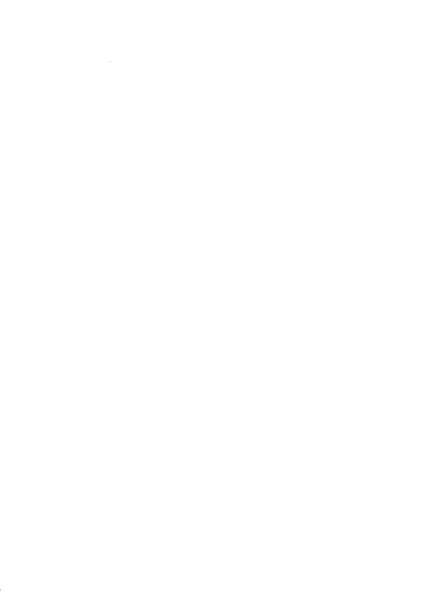
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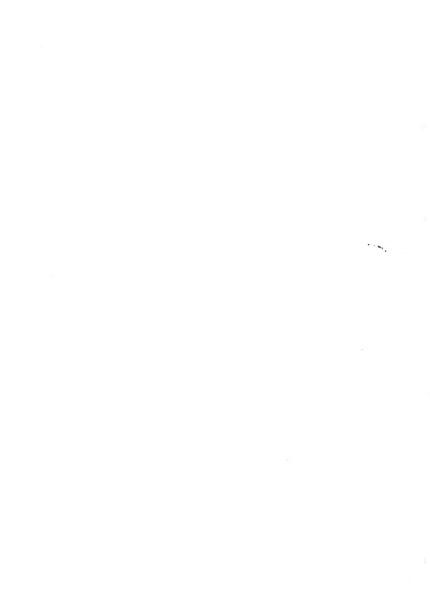
May 11. 10. .



The property of the property of the world per it, and, by the correlation, to be a factor of the world per it, and, by the control of these variables or at the correlation, to be these variables or at the correlation of these variables of the property of the documents.

Illiteracy and ignorance must not be taken as synonymous. Senopling helps experience and worldly wisdom out over wholly replaces it hat the ability to read and write is farmedial and had of this is much a malicap once illiteracy in lies ignorance. Some lymprant persons as a fulfill rate fat ost Illiterate for ignorant. Intelligence, tweever, implies vehicle will rillity to unitable, iss usefulness to restricted, and such a consistent is true of an illiterate.

Five and a half office, whoshe in this country over sen years of age are it is rate or hearly



a dilling consecrit of a first. There, over a dilling consecrit of a first. The ed authorized ances in a bar class of an ive value (1,834,373), foreign own (1,650,361), as ro(2,327,751), assert [103,659). Every class of illiferates has a cheared acceptant in the foreign own water, a ming the last fairty ive years, as to be leased the correspondence of the acceptance. The magnetization have been a classes. The magnetization to have been a classes. The magnetization we decreased from 2,255,460 to 1,634,272 and there is no recommend from 2,355,460 to 1,634,272 and there is no recommend of a life areas of illiteracy among matice arm of active areas from 1,800,723 to 1,378,884, while among an ive form of foreign or sixed parents from 174,380 or 155,388.

T	mje of illitare. , one foreign ori tai piode.	∫ 8110. A, 818.	g m i	ve es	
Nativeite		186.	1000	190L	1 10
	otal multina illina cy	73.	73.0 6.1	74.5 4.6	74.
Foreign orn Durch 2 perse 1	05/1 32 ca) 11110-r-15	13.1	11.5	1 .4	14.
Hegraes percent of percept of	total population 11 1 terray	1J.1 58.0		11.	.0.



The number of Illicerates 1. Steadily increasing—
not in the South—Late in Massachusetts, Lende Island,
Tonnecticut, New York, New Jersey, Pon sylvinia,
Illinois, North Tahoun, Meirechn, Londana, Wyoning,
Colored, New Mexico, Arizona, Utas, Newnda, Was dajton,
California. The measest increase being in the New
Ingle id and Middle Atlantic States, there wring
been an increase of approximately 1405 in twenty years
in trese states while on the other and there is a
decrease of thirty percent in the same period in the
South Atlantic States.

The percent of illiteracy in the United States has been lowered during twenty years from 13.3% in 1800 to 10.7 in 1900 and 7.7% in 1910; but the number of illiterates has decreased less than 15% and the number of foreign born illiterates has increased 43%.

Prior to 1000, changes in illiteracy were less striking due to a more literace type of indirant who came mainly from Canada, England, and countries in continuous management and continuous continuous.

More than two this of fall illiand ten are beautry dwellers (5,748,031) of whom 1,342,373 are native whites, 477,870 foreign orn, 1,834,458 as more.



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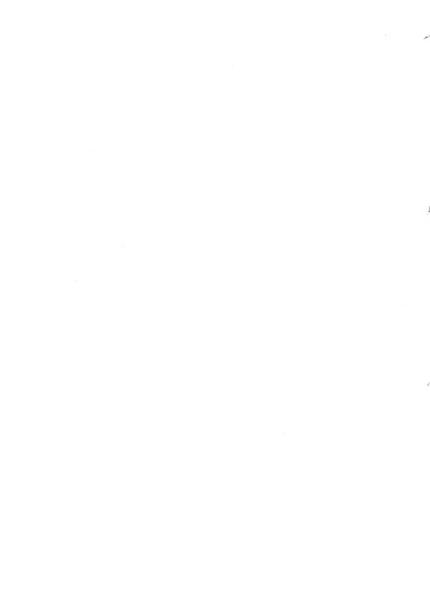
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17-14	370,13	6.7	:.0	'
13-19	448,414	.0	3.8	20.0
10-24	633,073	11.3	4.3	33.8
35-34	1103,354	11.9	5.3	.4.1
5-44	£40,510	17.0	4	7.7
15-54	820,1=3	-5.0	3	
DE-64	307,754	11.0	( 0.7	54.7
65 1	273 710	10.4	0.4	n 1



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1511	3 5.		

The United The and the Property 10 and Took a cour to a line to Militery up over our years of the mulation, the wront of he proces; and figures from the ortality during that in the inite States reginter ion area 1910 were used to determine to Jest' or ten. It was repoid include the rural counties in the problem as well as the cities over 10,000 but it was found i mossible featuse the rural counties in the courts of jures included cities over 10,000 and the strail so takes in the portulity consisting did not include these cities. The allision, the proceeds to of Allicerates and he more would have had to be a louleted for all of which this was lacking. Therefore the emperience is Ililited to flur mundred ... sixty one cities of the United States of over 10,000 bonulation, of which one of Mese, which Sharph, Pelanglyania and pulticd. This city had a sopulation of out 10,100 yet had an illiteracy percent of 53.4, ne group 1.8, forel n orn 59.1; lut the death rules did not at all encrespond having in tost instances wide variation in the bove accentages. New York City was alrided into its orbits in order to study the city is a shall this as possible.



The several ranger must list masses: (2, possibil), (3) illicenses, (3) he woes the end of a (a) in .

If course, () from you id, (c) from gales, () from almosts of the large, () cancer, (b) presenta, (i) the alosts of the large, () cancer, (b) presenta, (i) diarrange under two years of age, (j) herimitis, (k) purperal for r, (i) suicide and, to the in computing the partial correlation coefficience, population was correlated with illiterates and no roos and illiterates were correlated with ne process.

Percentage of foreign form was to be included in one bables but the differences in age distribution of the population in the various cities stand too great a variable to everlook in this case and so was reserved for further work.

Thirty nine correlation tables were set up abween the writes factors and their correlation efficients were leteralized. Using these trirty disc correlation enofficients, a series of partial correlation enofficients were stained according to be regular omulae. No attempts were up to be correct the tables for sourious correlation (it tells to placed that it played but thinto part in affecting the significant correlations). The attempts was obtained significant correlations).



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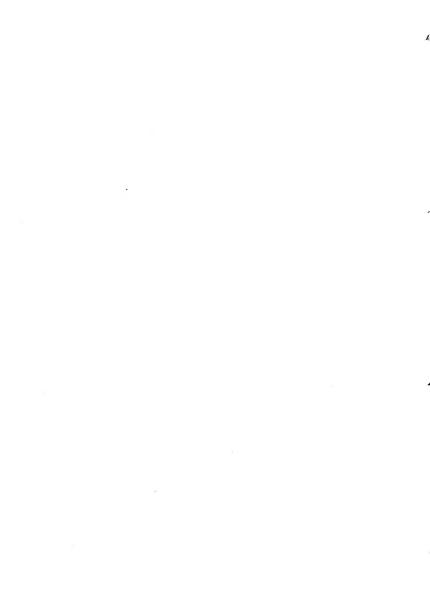
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defined in the second of the s month of a distriction of the correlation was fieldat statueen illiterary of deth rate from photonia is next to the highest coefficient obtained in the or diem and it is but little changed when the net correct tion coef ich n' is found. You han lays great atress on the prociel factor in affection the Jent's rate from paga mais. He claims the norro is for more susceptible than the white her. Osler seys of pneumonia: "It is a dirence of cities, in the by perbyded districts of which there has been at increase of late particularly in America. ,,,,, In the United States, oneuno is is more for 1 in he moes than among the whites. ..... Individuals who are much exposed to hardship and colare particularly liable to the disease. Howevers and indrants are at ted to be less susceptible the mative individuals." Being as liberal as possible, there is only slight positive correlation between ne roes and the death rate from pactronia and when formed into the net correlation coefficient the significance list poers entirely. It ald not like to state in the to vide occurred to preum in is one fatal in no moes then court the whites since the Into in head in exactly that which Onlar implies should



be studied: that of either or, shally I is a United States. He mations New Orleans of Ancoras Colon. Gamal Zone as supporting his argument that the factor fatality among neares was meater than among whites. Arguing from the above coefficients, and of he not have been realized with two extremes of degree of education in the Canal Zone which brought the difference out markedly while the same was more or less true in New Orleans. I believe that the difference of death rates between the races, is due to the greater percentage of illiteracy of the negroes of their apparent racial difference.

Phound is evidently is a dire so which the health officer also on stract successfully and to which he has paid only too little attention as yet. He must become an economist and a sociologist as well as a health officer to accomplish this but nore and more it is appearing that the health officer sust know how to apply the principles of companies in order to accomplish his best work.

There is almost significant neutric net correlation Letween population and leath r to from pneuro in holding illiter by and neuross contact at it is not significant chough on which to be so any conclude s.



Till to them I mere and multiple to nonnucce for the test of memoric in the Fren sities of fore at implicate overcrowells as a frector though by remaindensity of population must be included to gettle the point.

Tuberculosis of ' e lun;s

Summery of correlation coe between code rate from tu of the lunes and several i	berculosis
det correlation correlation R <sub>DJJ</sub> wet correlation to fficient R <sub>DJJ</sub> wet correlation coefficient R <sub>DJJ</sub> Tet a credation coefficient R <sub>DJJ</sub> Tet a credation coefficient R <sub>DJJ</sub> Tet and the coefficient R <sub>DJJ</sub> Tet and the credation corresponds to the credation of the credation R <sub>DJJ</sub> Tet and the credation of the credation of the credation representation of the credation representation of the credation representation representa	.010 ± .031 .400 ± .036 .094 ± .031 .156 ± .031 .100 ± .031 .4 7 ± .036

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the price of better education account the consequentity letter living, or is the relation account due to faulty disposis. It is difficult to explain such a relatively his incretive coefficient away becase of faulty disposis. The death rate from all causes is distinctly positively correlated with illiteracy. This alone would show that education and all that it connects increases the expectation of life even though we did not have data to prove this. Within it not well be that, since we are living larger tip, forwarly and since we have to die of so other, and since cancer is, relatively specifies, an older head lineares, the determinant of the counter is an it is on the increase this the death mate from a counter to account and the factors.

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Holt man the end the " du ocal lacres: Distributed diseases re especially seen i cities, for the a mere is the conditions of howerty, reflect, is for, and bad brile, e, all of thick are important causes. The fovercrowdl. and her houring thour large cities are not the chief f ctors is . hown by the fact that the death rate from clarrical disc ter is often bither in smiller places, especially factory towns, the large cities. Thus is New York State it has been higher in Tros, Cohoes, and Newburgh than in New York City; and in I canebusetts, hither in Fold River and Lorell than in Boston. The correlation coefficients burn out his statement exception his claim that often diarrhocal diseases are birth r in smaller threes for the correlation between population of cities and diarrhous under two is absolutely insignifie at even when illiteracy and hear es are held onstant by not corrected a.

At first sight, the new tive a t correlation between newcos and doubt rate from discretion under two holding illiteracy are population constant is striking. But it might be explained in this wise:

e.g. holding population court. A at x and illiteracy constant at y and y reiner the newces, it will be seen that since the correlation between illiteracy and doubt.

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Summary of correlation coefficients between death rate from a phritis was several factors.							
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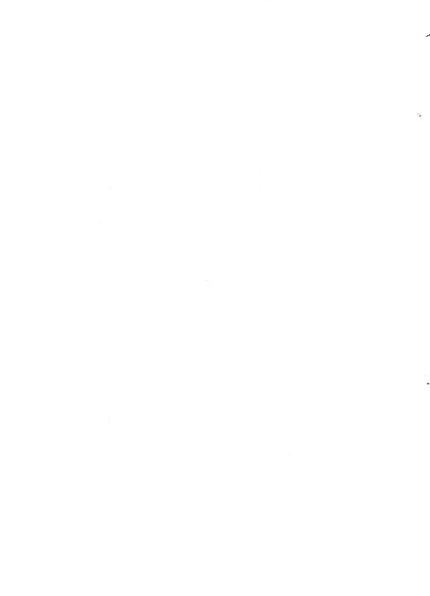
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